

OHIO FARM REPORT

Volume No. 06 Issue No. 21
Released: November 14, 2006



Ohio Field Office
P.O. Box 686
Reynoldsburg, Ohio 43068-0686
(614) 728-2100
FAX(614)728-2206
James Ramey, Director

FEATURING: ☐ Crop Production ☐ Supply/Demand ☐ Ag Prices ☐ Plant Population

OHIO CORN YIELD STILL ON PACE FOR STATE RECORD

As of November 1, Ohio's average corn yield is forecast at 161 bushels per acre, unchanged from the previous month's forecast. If realized, this would be a new State record yield. Total grain production is forecast at 471.7 million bushels, up 1.5 percent from last year's State total. Corn growers expect to harvest 2.93 million acres in 2006 compared to the 3.25 million acres harvested one year ago.

The 2006 average soybean yield for Ohio is forecast at 46 bushels per acre, also unchanged from last month's forecast and 1 bushel above the 2005 average State yield. Total State production is forecast at 212.5 million bushels compared to the 201.6 million bushels produced in 2005. Harvested acreage is forecast at 4.62 million acres, up 140,000 acres from last year.

U.S. Corn Production down from October Soybean Production Up

U.S. corn production is forecast at 10.7 billion bushels, down 1 percent from October and 3 percent lower than 2005. Based on conditions as of November 1, yields are expected to average 151.2 bushels per acre, down 2.3 bushels from October but 3.3 bushels higher than last year. If realized, the

yield would be the second largest on record, behind 2004. Yield forecasts are lower than last month across much of the western and central Corn Belt and Atlantic Coast States as producers reported that actual harvest yields were not as good as expected earlier due to lower grain weight per ear. Stalk quality and lodging problems were also reported in some areas. Producers in the northern Great Plains, Delta States, and parts of the Southeast reported better than expected yields. Compared with last year, yields are higher in all Corn Belt States, except Iowa and Minnesota.

U.S. soybean production is forecast at 3.20 billion bushels, up slightly from October and 5 percent above 2005. If realized, this would be the largest U.S. soybean crop on record. Based on November 1 conditions, yields are expected to average 43.0 bushels per acre, up 0.2 bushel from October and equal to last year's record high yield. Producers in the northern Great Lakes States, Delaware, New York, North Carolina, and the Dakotas are realizing higher yields than expected last month, while yield prospects decreased slightly as harvest progressed in Illinois, Kentucky, Missouri, and Pennsylvania. Area for harvest in the U.S. is forecast at 74.5 million acres, unchanged from last month but up 5 percent from 2005.

OHIO AND UNITED STATES, NOVEMBER 1, 2006, WITH COMPARISONS

Crop	Harvested Acres		Unit	Yield Per Acre		Production	
	2005	2006		2005	2006	2005	2006
Thousands				Thousands			
OHIO							
Corn for Grain	3,250	2,930	Bu.	143.0	161.0	464,750	471,730
Soybeans for Beans	4,480	4,620	Bu.	45.0	46.0	201,600	212,520
Wheat, All	830	960	Bu.	71.0	68.0	58,930	65,280
Oats	60	55	Bu.	60.0	75.0	3,600	4,125
Alfalfa Hay	510	470	Ton	3.60	3.90	1,836	1,833
Other Hay	690	740	Ton	2.60	2.60	1,794	1,924
Tobacco, All	3.4	3.1	Lb.	1,980	2,000	6,732	6,200
Potatoes	3.6	3.1	Cwt	240	320	864	992
UNITED STATES							
Corn for Grain	75,107	71,047	Bu.	147.9	151.2	11,112,072	10,744,806
Soybeans for Beans	71,251	74,505	Bu.	43.0	43.0	3,063,237	3,203,908
Wheat, All	50,119	46,810	Bu.	42.0	38.7	2,104,690	1,812,036
Oats	1,823	1,576	Bu.	63.0	59.5	115,695	114,878
Alfalfa Hay	22,389	22,407	Ton	3.38	3.33	75,771	74,527
Other Hay	39,260	40,290	Ton	1.91	1.80	74,819	72,511
Tobacco, All	298.1	334.3	Lb.	2,171	2,194	647,278	733,608
Potatoes	1,086.9	1,118.9	Cwt	390	389	423,926	434,789

NOVEMBER U.S. SUPPLY AND DEMAND ^{1/}

	Corn		Wheat		Soybeans	
	2005/2006	2006/07	2005/06	2006/07	2005/06	2006/07
	Million Bushels					
Beginning Stocks	2,114	1,971	540	571	256	449
Production	11,112	10,745	2,105	1,812	3,063	3,204
Imports	9	10	82	105	3	4
Total Supply	13,235	12,725	2,727	2,488	3,322	3,657
Domestic Use	9,117	9,590	1,146	1,145	1,927	1,946
Exports	2,147	2,200	1,009	925	947	1,145
Total Use	11,264	11,790	2,155	2,070	2,874	3,091
Ending Stocks	1,971	935	571	418	449	565
Average Price (\$/bu.)	2.00	2.80-3.20	3.42	4.15-4.55	5.66	5.40-6.40

^{1/} From World Agricultural Supply and Demand Estimates, ERS, FAS, USDA.

OHIO WINTER WHEAT PRICES UP SHARPLY IN OCTOBER

The October winter wheat price in Ohio of \$4.47 per bushel is up \$1.35 from both the September 2006 and October 2005 average price of \$3.12. The sharp rise in price is attributed to tight world supplies and reduced grain harvest in Australia which is one of the main wheat suppliers in the world. The October corn price of \$2.74 is up 56 cents from September of this year, and 97 cents above the previous October price of \$1.77 per bushel. The State's October soybean price of \$5.77 is up 40 cents from September, and seven cents above what was received at the same time last year. The alfalfa hay price in October of \$130.00 per ton is up \$5.00 dollars from September and \$1.00 per ton higher than the price received one year ago. Other hay at \$68.00 per ton is unchanged from September and is \$11.00 below the price received last year at this time.

The October beef cattle price in Ohio of \$85.40 per cwt. is down \$1.00 per cwt. from September and 70 cents per cwt. lower than the October 2005 average price. The steer and heifer price of \$90.00 per cwt. is down \$1.00 from September and 80 cents lower than the October 2005 average price. The October cow price of \$44.00 per cwt. is down \$1.10 from September but 10 cents higher than at the same time last year. Calves, at \$115.00 per cwt. are down \$7.00 from the previous month and \$3.00 below the previous October price. Ohio's October hog price of \$45.20 per cwt. is down \$1.50 from September and \$1.20 less than was received the previous

October. The October sow price of \$36.00 per cwt. is up \$1.20 from the previous month, but \$6.30 per cwt. less than was received at the same time last year. The October barrow and gilt price of \$46.00 per cwt. is down \$1.70 from the previous month, and 60 cents less than was received in October 2005.

The October milk price of \$14.10 per cwt. is up 70 cents per cwt. from September but is \$2.20 lower than the October 2005 price of \$16.30 per cwt. The October egg price of 42 cents per dozen is up one cent from September and 4.9 cents higher than the October 2005 price of 37.1 cents per dozen.

The preliminary All Farm Products Index of Prices Received by Farmers in October, at 117 percent, based on 1990-92=100, decreased 2 points (1.7 percent) from September. The Crop Index is down 6 points (4.9 percent) but the Livestock Index is unchanged. Producers received lower commodity prices for lettuce, broilers, cattle, and tomatoes and higher prices for corn, wheat, turkeys, and milk. The overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Decreased average marketings of milk, wheat, grapes, and sweet corn offset increased marketings of soybeans, corn, upland cotton, and sorghum grain. Preliminary All Farm Products Index is up 6 points (5.4 percent) from October 2005. The Food Commodities Index, at 117, decreased 6 points (4.9 percent) from last month but increased 1 point (0.9 percent) from October 2005.

AGRICULTURAL PRICES, OHIO AND UNITED STATES OCTOBER 2006 WITH COMPARISONS

Commodity ^{1/}	Unit	Ohio			U.S.
		Oct. 2005	Sep. 2006	Oct. 2006	Oct. 2006
Winter Wheat	Bu \$	3.12	3.12	4.47	4.73
Corn	Bu \$	1.77	2.18	2.74	2.72
Soybeans	Bu \$	5.70	5.37	5.77 _{5/}	5.46
Oats	Bu \$	1.42	1.32	-	1.83
All hay, baled ^{2/}	Ton \$	111.00	104.00	108.00	107.00
Alfalfa hay	Ton \$	129.00	125.00	130.00	112.00
Other hay	Ton \$	79.00 _{6/}	68.00 _{6/}	68.00 _{6/}	93.80
Potatoes	Cwt \$	-	-	-	5.74
Apples	Lb \$	0.340	0.380	0.390	0.373
Hogs	Cwt \$	46.40	46.70	45.20	46.90
Sows	Cwt \$	42.30	34.80	36.00	36.80
Barrows and gilts	Cwt \$	46.60	47.70	46.00	47.60
All beef	Cwt \$	86.10	86.40	85.40	89.10
Cows	Cwt \$	43.90	45.10	40.00	46.00
Steers and heifers	Cwt \$	90.80	91.00	90.00	94.40
Calves	Cwt \$	118.00	122.00	115.00	131.00
Sheep	Cwt \$	46.80	34.70	-	-
Lambs	Cwt \$	101.00	85.10	-	-
Milk sold to plants	Cwt \$	16.30	13.40	14.10	13.30
Milk for fluid use	Cwt \$	16.40	13.40	-	13.30
Milk of Mfg. grade	Cwt \$	14.50	12.20	-	12.40
Eggs ^{3/}	Doz \$	0.371	0.410	0.420	0.382
Feed Price Ratios					
Hog-corn ratio ^{4/}		26.2	21.4	16.5	17.2

^{1/} Monthly average except for current month. ^{2/} Mid-month price for all months. ^{3/} Fresh market (table) eggs. ^{4/} Bushels of corn equal in value to 100 pounds of hogs live weight. ^{5/} Insufficient sales to establish a price. ^{6/} Estimates discontinued in 2005.

Plant Population and Row Width

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn and 11 soybean producing States during 2006. The selected states account for about 75 percent of the U.S. production. Randomly selected plots are visited monthly from August through harvest to obtain specific counts and measurements. The counts made within each sample plot depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other

measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

CORN FOR GRAIN: PLANT POPULATION PER ACRE, SELECTED STATES, 2002-2006 ^{1/}

State	2002	2003	2004	2005	2006 ^{2/}
Number of Plants					
IL	26,350	27,050	27,700	28,000	28,000
IN	25,300	25,900	26,500	25,200	26,350
IA	26,700	27,250	27,850	28,000	28,600
MN	26,800	28,800	29,300	28,450	28,900
NE	23,350	23,700	24,050	23,700	24,600
OH	24,400	25,900	26,650	25,600	26,200
WI	26,650	27,100	27,550	27,050	27,450

1/ Based on stock counts in plots selected for objective yield samples. 2/ Preliminary.

CORN FOR GRAIN: NUMBER OF EARS PER ACRE, SELECTED STATES, 2002-2006

State	2002	2003	2004	2005	2006 ^{1/}
Number of Plants					
IL	25,000	26,650	27,400	26,850	27,400
IN	23,650	25,350	26,050	24,650	25,700
IA	25,800	26,600	27,500	27,100	27,350
MN	26,100	28,600	29,200	28,050	28,250
NE	21,200	22,600	24,050	22,800	23,700
OH	22,350	25,750	26,050	24,650	25,450
WI	25,250	26,250	26,800	26,350	27,200

1/ Preliminary

OHIO CORN ROW WIDTH 2002-2006

Year	Number of Samples		Corn row width (inches) ^{1/}					Average Row Width	Plant Population
		20.5 or less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6-Greater		
		Percent of Sample							
Number		Inches						Number	
2002	110	0.9	78.2	17.3	1.8	0.9	0.9	30.3	24,400
2003	101	-	54.4	38.6	2.0	5.0	-	30.9	25,900
2004	107	0.9	74.7	20.6	1.9	1.9	-	30.3	26,650
2005	116	-	64.6	25.9	1.7	5.2	2.6	31.0	25,600
2006	117	0.9	70.0	17.9	4.3	6.0	0.9	30.9	26,200 ^{2/}

1/ Spacings based on row measurements in sample plots selected for objective yield terminations. 2/ Preliminary

OHIO SOYBEANS ROW WIDTH 2002-2006

Year	Number of samples	Soybean row width groups (inches) ^{1/}					Average width ^{2/} (inches)
		10.0 & less ^{2/}	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & greater	
	Number	Percent of Sample					
2002	132	71.5	23.9	1.5	2.3	0.8	10.2
2003	132	69.6	27.0	0.4	3.0	-	10.1
2004	130	70.0	25.8	1.1	3.1	-	10.5
2005	130	63.9	31.5	3.1	1.5	-	10.7
2006	132	45.6	46.0	1.5	6.1	0.8	12.6

1/ Based on row measurements in sample plots selected for objective yield samples. 2/ Broadcast soybeans included as 10 inches and less but excluded in computation of average width.

SOYBEANS: PODS WITH BEANS PER 18 SQUARE FEET,
SELECTED STATES, 2002-2006

State	2002	2003	2004	2005	2006 ^{1/}
	Number of Plants				
IL	1,802	1,634	1,947	1,858	1,923
IN	1,680	1,582	1,917	1,899	1,909
IA	1,867	1,647	1,741	1,970	1,760
MN	1,715	1,440	1,435	1,640	1,568
MO	1,705	1,523	2,038	1,652	1,738
NE	1,592	1,636	1,895	1,920	1,784
OH	1,492	1,752	1,837	1,981	1,835

1/ Preliminary

Address Service Requested

OFFICIAL BUSINESS
Reynoldsburg, OH 43068
P.O. Box 686
Ohio Field Office

UNITED STATES DEPARTMENT OF AGRICULTURE

PRSR STD
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38